	05-12-1999	
To Commissioner of F		PATENTS ONLY DKT 98005A
Please record the attached ori	101034555	thereof.
1. Name of Party(ies) conveying an interest: FRANKLIN R. SMITH	2. Name and Address of Party(ies) receiving an interest:  Name: BORG-WARNER AUTOMOTIVE, INC. Internal Address: Street Address: 6700 18% MILE ROAD	
Additional name(s) of conveying party(ies) attached?  yes  no	City: <u>STERLI</u>	NG HEIGHTS AN 48314 ress(es)
3. Description of the interest conveyed:  Assignment Change of Name Secution Date: April 13, 1999	urity Agreement	eger 🛮 Other
4. Application number(s) or patent number(s). Ad	ditional sheet attached?	□ yes
If this document is being filed together with the application is:	a new application, the ex	xecution date of
A. Patent Application No.(s) 09/282,350 filed March 31, 1999	B. Patent No.	
Additional numbers att	ached? yes	no
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:1_	
Name: Borg-Warner Automotive, Inc. P.O. Box: P. O. Box 8022 City: Sterling Heights State/Zip: Michigan 48311-8022	7. Total fee (37 CFR 3.4  Enclosed  Authorized to be	charged to
	Deposit Account	No. 19-2165.
	8. Deposit Account	ny overpayment to
DO NOT USE TH	HIS SPACE	
10/1999 JSHABAZZ 00000201 09282350		
C:581 (40.00 OP)		
9. Statement and signature. To the best of my knowledge and belief, th correct and any attached copy is a true co	py of the original documen	
Hugh A. Abrams the	•	y 3, 1999
Name of Person Signing Signature	Dat	te
Total number of pages including cover	sheet, attachments, and	document: 4

05/ 01

## **ASSIGNMENT**

whereas, <u>Borg-Warner Automotive</u>, <u>Inc.</u>, a corporation organized and existing under the laws of the State of <u>Delaware</u>, having a place of business at <u>6700 18½ Mile Road</u>, <u>Sterling Heights</u>, <u>Michigan</u>, <u>48314</u>, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED:  $\frac{4/13/99}{}$ 

FRANKLIN R. SMITH

STATE OF New York
STATE OF New York  ) ss.  COUNTY OF Tempkins
I, Navey C JEE , a Notary Public in and for the County and State aforesaid, do hereby certify that FRANKLIN R. SMITH , personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this, $19\frac{99}{99}$ .
Notary Public
(SEAL)  My Commission Expires:  My Commission Expires August 5, 2000  Commission Expires August 5, 2000

**RECORDED: 05/06/1999**